

CLAIMS

What Is Claimed Is:

5 1. A method for processing communication services for a mobile subscriber associated with a wireless network, the method comprising:

 defining location-dependent rules associated with at least one communication service subscribed to by the mobile subscriber;

 determining a current location of the mobile subscriber; and

10 processing the communication services based on the location-dependent rules and the current location of the mobile subscriber.

 2. The method as recited in claim 1 wherein defining the location-dependent rules comprises:

15 defining at least one geographic area associated with the mobile subscriber; and

 defining rules for processing the at least one communication service for the mobile subscriber when the mobile subscriber is in the at least one geographic area.

20 3. The method as recited in claim 2 wherein defining the at least one geographic area includes defining a dynamic geographic area dependent on the instantaneous location of the subscriber.

4. The method as recited in claim 3 wherein defining the dynamic geographic area includes generating a signal indicating a general geographic area dependent on the current location of the subscriber.

5 5. The method as recited in claim 2 wherein defining the at least one geographic area includes defining at least one static predetermined geographic area independent of the current location of the subscriber.

6. The method as recited in claim 5 wherein defining the at least one static geographic area includes selecting a predetermined known geographic area.

7. The method as recited in claim 5 wherein defining the at least one static geographic area includes defining a general geographic area dependent upon a known geographic location.

8. The method as recited in claim 1 wherein the wireless network includes at least one base station at a known location for communicating with the mobile subscriber and wherein determining the current location of the mobile subscriber comprises:

receiving a signal from the mobile subscriber; and

determining the location of the mobile subscriber based on the signal from the mobile subscriber and the known location of the at least one base station.

9. The method as recited in claim 8 wherein receiving the signal includes continuously receiving the signal from the wireless subscriber.

10. The method as recited in claim 8 wherein receiving the signal includes receiving the signal from the wireless subscriber in response to a prompt from the wireless network.

11. The method as recited in claim 8 wherein receiving the signal includes receiving a Global Positioning Signal from the mobile subscriber.

12. The method as recited in claim 8 wherein receiving the signal includes receiving a strength of the signal from the mobile subscriber.

13. The method as recited in claim 8 wherein receiving the signal includes receiving signal propagation timing information from the mobile subscriber.

14. The method as recited in claim 1 wherein processing the communication services comprises:

receiving an outgoing call from the mobile subscriber; and

processing the outgoing call based on the location-dependent rules and the current location

of the subscriber.

15. The method as recited in claim 1 wherein processing the communication services comprises:

receiving an incoming call for receipt by the mobile subscriber; and

processing the incoming call based on the location-dependent rules and the current

5 location of the subscriber.

16. The method as recited in claim 1 further comprising:

determining supplemental subscriber information from the mobile subscriber; and

wherein processing the communication services further comprises processing the

10 communication services based on the supplemental subscriber information, the current location of the subscriber and the location-dependent rules.

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17. A system for processing communication services for a mobile subscriber associated with a wireless network, the system comprising:

a database for storing location-dependent rules associated with at least one communication service subscribed to by the mobile subscriber; and

service logic for determining a current location of the mobile subscriber and generating call processing instructions for processing the communication services based on the location-dependent rules and the current location of the mobile subscriber.

18. The system as recited in claim 17 further comprising an interface for defining at least one geographic area associated with the mobile subscriber and wherein storing the rules includes storing rules for processing the communication services for the mobile subscriber when the mobile subscriber is in the at least one geographic area.

19. The system as recited in claim 18 wherein the interface, in defining the at least one geographic area, is further operative to define a dynamic geographic area dependent on the instantaneous location of the subscriber.

20. The system as recited in claim 19 wherein the interface, in defining the dynamic geographic area, is further operative to generate a signal indicating a changing geographic area dependent on the current location of the subscriber.

21. The system as recited in claim 18 wherein the interface, in defining the at least one geographic area, is further operative to define at least one static predetermined geographic area independent of the current location of the subscriber.

5 22. The system as recited in claim 21 wherein the interface, in defining the at least one static geographic area, is further operative to allow selection of a predetermined known geographic area.

10 23. The system as recited in claim 21 wherein the interface, in defining the at least one static geographic area, is further operative to define a general geographic area dependent upon a known geographic location.

15 24. The system as recited in claim 17 wherein the wireless network includes at least one base station at a known location for communicating with the mobile subscriber and wherein the service logic, in determining the current location of the wireless, is further operative to receive a signal from the mobile subscriber, and determine the location of the mobile subscriber based on the signal from the mobile subscriber and the known location of the at least one base station.

20 25. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to continuously receive the signal from the mobile subscriber.

26. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to receive the signal from the mobile subscriber in response to a prompt by the service logic.

5 27. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to receive a Global Positioning Signal from the mobile subscriber.

28. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to receive a strength of the signal from the mobile subscriber.

10 29. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to receive signal propagation timing information from the mobile subscriber.

15 30. The system as recited in claim 17 wherein the service logic, in processing the communication services, is further operative to receive an outgoing call from the mobile subscriber, and process the outgoing call based on the location-dependent rules and the current location of the subscriber.

31. The system as recited in claim 17 wherein the service logic, in processing the communication services, is further operative to receive an incoming call for receipt by the mobile subscriber, and process the incoming call based on the location-dependent rules and the current location of the subscriber.

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32. The system as recited in claim 17 wherein the service logic is further operative to determine supplemental subscriber information from the mobile subscriber and process the communication services based on the supplemental subscriber information, the current location of the subscriber and the location-dependent rules.

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